

Entry Level Naval Architect – Military Sealift Command (MSC)

This position is located at the Military Sealift Command, Headquarters (MSCHQ) Engineering Directorate. MSC operates over 120 ships in support of the Department of the Navy and other U.S. Government customers. MSC ships are operated by USCG licensed civilian mariners, are classified by American Bureau of Shipping, and most carry USCG Certificates of Inspection.

There are multiple full time opportunities for Naval Architects and Ocean Engineers in our Norfolk, VA office

- Our naval architects are involved in many technical aspects of ship management including:
 - Providing day-to-day fleet naval architecture support,
 - Performing analyses and making recommendations in support of vessel engineering and system / equipment operations,
 - Troubleshooting problems to implement short term and long-term solutions
 - Proposing new concepts and ideas regarding design, construction and mechanical systems to keep the fleet up to date,
 - Performing various naval architecture projects including:
 - Computerized intact and damage stability calculations, including hull and compartment modeling,
 - Trim and Stability
 - Structural analysis, including loads determination and the computation of deflections and stresses,
 - Determination of various hull and superstructure scantlings and other structure,
 - Longitudinal strength calculations,
 - Preparation of weight estimates and cost estimates,
 - Preparation and revision of general arrangements, including habitability alterations and modifications,
 - Review of preliminary designs and characteristics of proposed new ship designs,
 - Review of dry-docking calculations and blocking arrangements and on-site drydocking support,
 - Participation in shipchecks and other on board surveys and tests (e.g. stability tests, condition surveys, damage surveys, etc.) either singly or as part of a team,
 - Providing various technical and engineering studies, economic / cost/benefit analyses
 - Performing design work for alteration, modification, and repair of MSC ships.

Recent graduates participate in a professional rotation program designed to develop skills in the many different technical areas involved in ship design, maintenance, repair, conversion, construction, and modification.

25% or Greater travel is required

KEY REQUIREMENTS

- You must be a US Citizen.
- Must be registered for Selective Service, see Legal & Regulatory Guidance.
- Suitable for Federal employment as determined by background investigation.
- Selectee may be required to successfully complete a probationary period.
- You must obtain and maintain a SECRET security clearance.
- May require a financial disclosure statement.

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- **Apply online at:**

<https://www.usajobs.gov/GetJob/ViewDetails/475622500>

Please ensure that you provide your resume, cover letter, and unofficial transcripts.